

AWARDS MADE IN THE FIRE GRANTS PROGRAM DURING FISCAL YEAR 2002

| Institution | PI | Title | Total Award |
|-----------------------------|---------------------------------|---|--------------------|
| Hybrid Plastics | J. Lichtenhan | High Performance Fire Retardant Additives | \$256 k |
| Marquette | C. Wilkie | Fire Performance of Clay-polymer and Graphite-polymer Nano-composites | \$139 k |
| Penn State | E. Manias | Mech. Characterization & Flammability Studies of Novel High Temp. Polymer/Silicate Nanocomposites | \$151 k |
| Southern. Mississippi | L. Mathias | Nanocomposite Fibers for FR Fabrics | \$194 k |
| U. Maryland | F. Mowrer | Flammability Characteristics of Wall and Ceiling Finishes | \$150 k |
| VPI | U. Vandsburger | Compartment Fire Exhaust Gases and Their Evolution in Adjacent Spaces | \$232 k |
| WPI | J. Barnett | Characterizing the Entry Performance of Smoke Detectors | \$106 k |
| U. Maryland | J. Kim | Development of a High-Temperature Absorption Coefficient Database | \$210 k |
| City University of New York | D. Rouson | A Novel Model for Boundary Layer Scalar Transport | \$51 k |
| IAFSS | R. Bill | Principal Sponsorship, 7th International Symposium on Fire Safety Science | \$10 k |
| Penn. State | A. Kulkarni | Flame Spread, Combustion Characteristics of Water/Oil Emulsion Layers Supported on Water | \$49 k |
| WPI | J. Woycheese | Web-based Resources for Fire Science | \$93 k |
| U. Mich. | G. Faeth | Buoyant Turbulent Jets and Plumes in Crossflow | \$77 k |
| Harvey Mudd | Z. Duron | Fire Induced Vibration Monitoring for Impending Collapse in Burning Buildings | \$239 k |
| TriData | P. Schaenman | The Economic Consequences of Firefighter Injuries | \$75 k |
| Arup | B. Meacham | Assessment of the Predictive Possibilities of Egress Models, Including Quantitative Treatment of... | \$324 k |
| Hughes Assoc. Inc. | J. Beitel | Fire Resistance Testing Facilities Study | \$75 k |
| Joint Team | G. Proulx, N. Groner, D. Mileti | WTC Occupant Behavior | \$280 k |